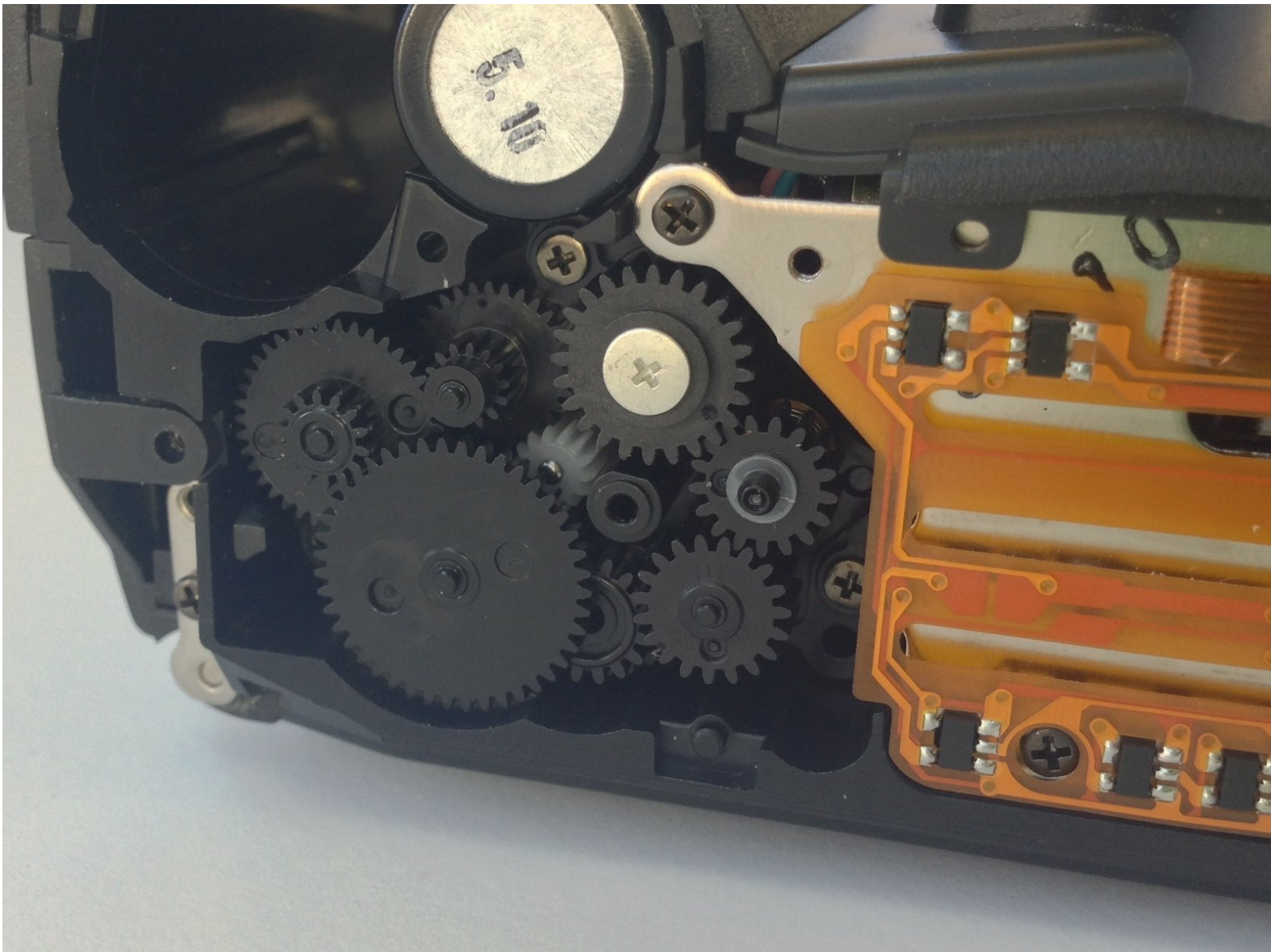# How to clean the Pentax PZ-10 gears

This guide will demonstrate how to access and clean the gears in the camera.

Written By: Bryan Sugiarto

INTRODUCTION

Regularly cleaning the gears removes dirt and grime that would otherwise keep the gears from moving easily. Be sure to do this indoors in a clean environment to avoid additional dirt build up.

🔧 TOOLS:

- Tweezers (1)
- Soft Cloth (1)
- 64 Bit Driver Kit (1)

This document was generated on 2019-09-18 05:45:39 AM (MST).

Step 1 — Removing the Bottom Cover Screws
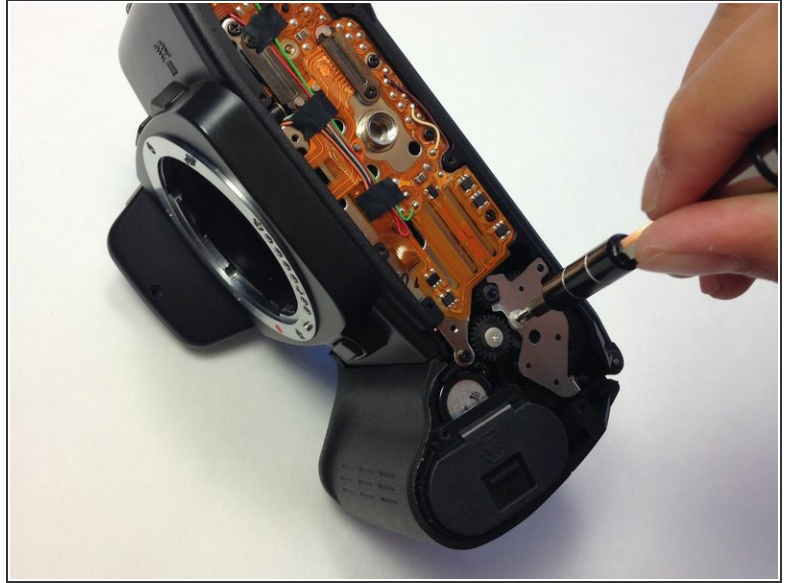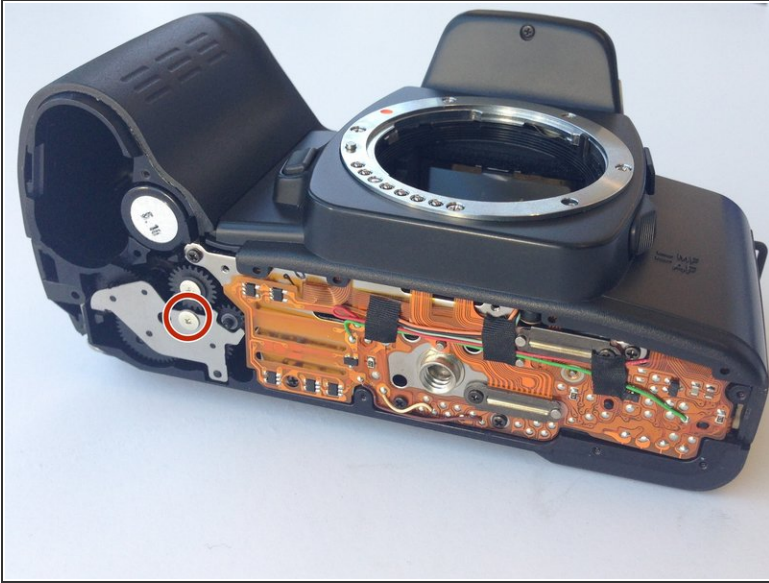

- ⓘ Place the lens face up to locate the bottom cover.

- ● Remove the two 7mm screws using a J0 screwdriver.

- ● Remove the six 4.3 mm screws using a J0 screwdriver.
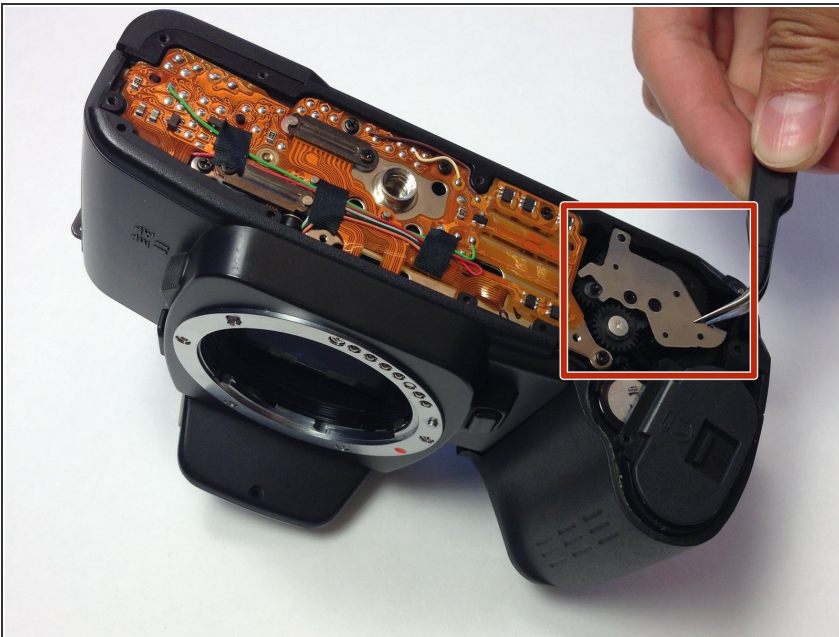
Step 2 — Removing the Bottom Cover

- ● After the screws are removed, the bottom cover should easily pry off.

This document was generated on 2019-09-18 05:45:39 AM (MST).
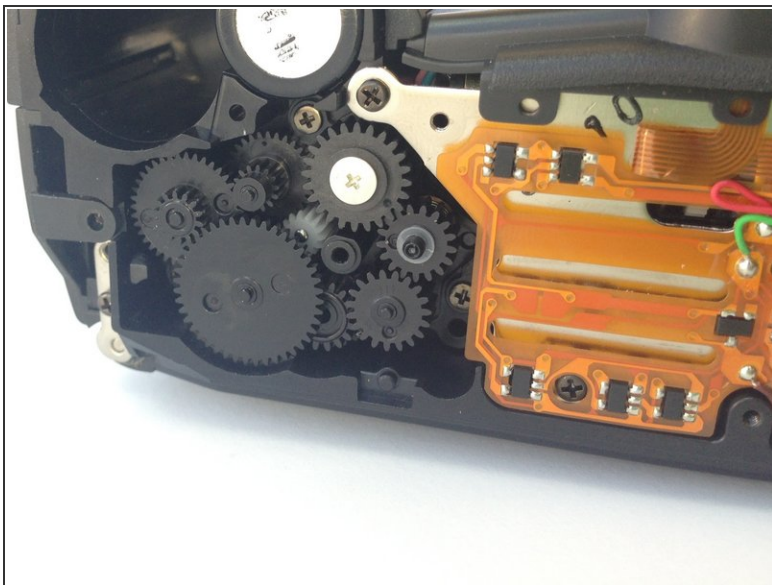
Step 3 — Accessing Gears

- Using a J0 screwdriver, remove the 4mm screw holding the metal plate to expose the gears.

Step 4 — Removing Gear Housing Plate

- Using a pair of tweezers, gently remove the metal plate covering the gears.

- ⓘ Part of the plate's tab fits into a socket. Try to pivot around it when removing the plate to prevent bending the plate.

- ⚠ Be careful with the gears because some may be loose.

This document was generated on 2019-09-18 05:45:39 AM (MST).

Step 5 — Cleaning the Gears

- Use tweezers to rotate gears or remove any large particles obstructing their rotation.

- (i) Smaller particles can be cleared using a microfiber cloth only. Other fabrics may leave residual fibers.

To reassemble your device, follow these instructions in reverse order.